Clarion CDC6300

FM·MPX/MW/LW CD PLAYER
WITH VF DECODER — Owner's Guide

LECTEUR DE CD-TUNER FM·MPX/PO/GO
AVEC DECODEUR VF — Manuel de l'utilisateur

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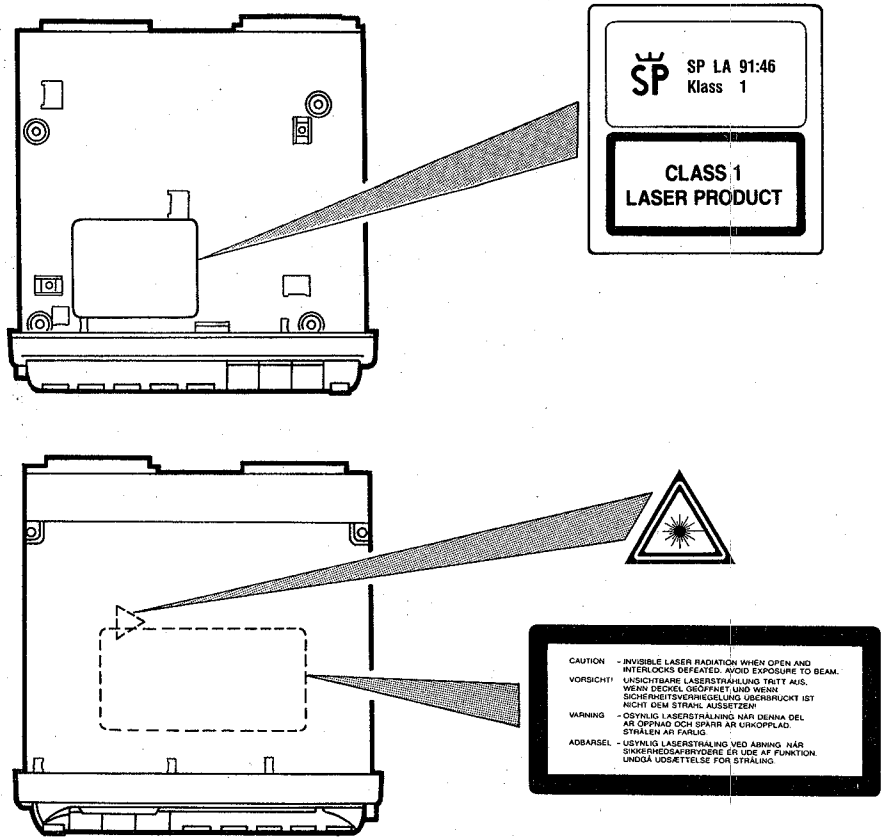

SP LA 91:46
Klass 1
CLASS 1
LASER PRODUCT
CAUTION - INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO BEAM.
VORSICHT! UNSICHTBARE LASERSTRAHLUNG TRITT AUS, WENN DECKEL GEÖFFNET UND WENN SICHERHEITSVERRIEGELUNG UBERBRUCKT IST NICHT DEM STRAHL AUSSETZEN!
VARNING - OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD OCH SPÄRR ÄR URKOPPLAD. STRÅLEN ÄR FARLIG.
ADBARSEL - USYNLIG LASERSTRALING VED ÅBNING, NÅR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION. UNDGÅ UDSÆTTELSE FOR STRÅLING.

CAUTIONS:

This appliance contains a laser system and is classified as a "CLASS 1 LASER PRODUCT". To use this model properly, read this Owner's Manual carefully and keep this manual for your future reference. In case of any trouble with this player, please contact your nearest "AUTHORIZED service station". To prevent direct exposure to the laser beam, do not try to open the enclosure.

ADVARSEL

Denne mærking er anbragt udvendigt på apparatet og indikerer, at apparatet arbejder med laserstråler af klasse 1, hvilket betyder, at der anvendes laserstråler af svageste klasse, og at man ikke på apparatets yderside kan blive udsat for utilladelig kraftig stråling.

APPARATET BØR KUN ÅBNES AF FAGFOLK MED SÆRLIGT KENDSKAB TIL APPARATER MED LASERSTRÅLER!

Indvendigt i apparatet er anbragt den her gengivne advarselsmækning, som advarer imod at foretage sådanne indgreb i apparatet, at man kan komme til at udsætte sig for laserstråling.

OBS! Apparaten innehåller laserkomponent som avger laserstrålning överstigande gränsen för laserklass 1.

VAROITUS. Suojakoteloa si saa avata. Laite sisältää laserdiodin, joka lähettää näkymätöntä silmille vaarallista lasersäteilyä.

CAUTION

USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED IN THE OWNER'S MANUAL MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

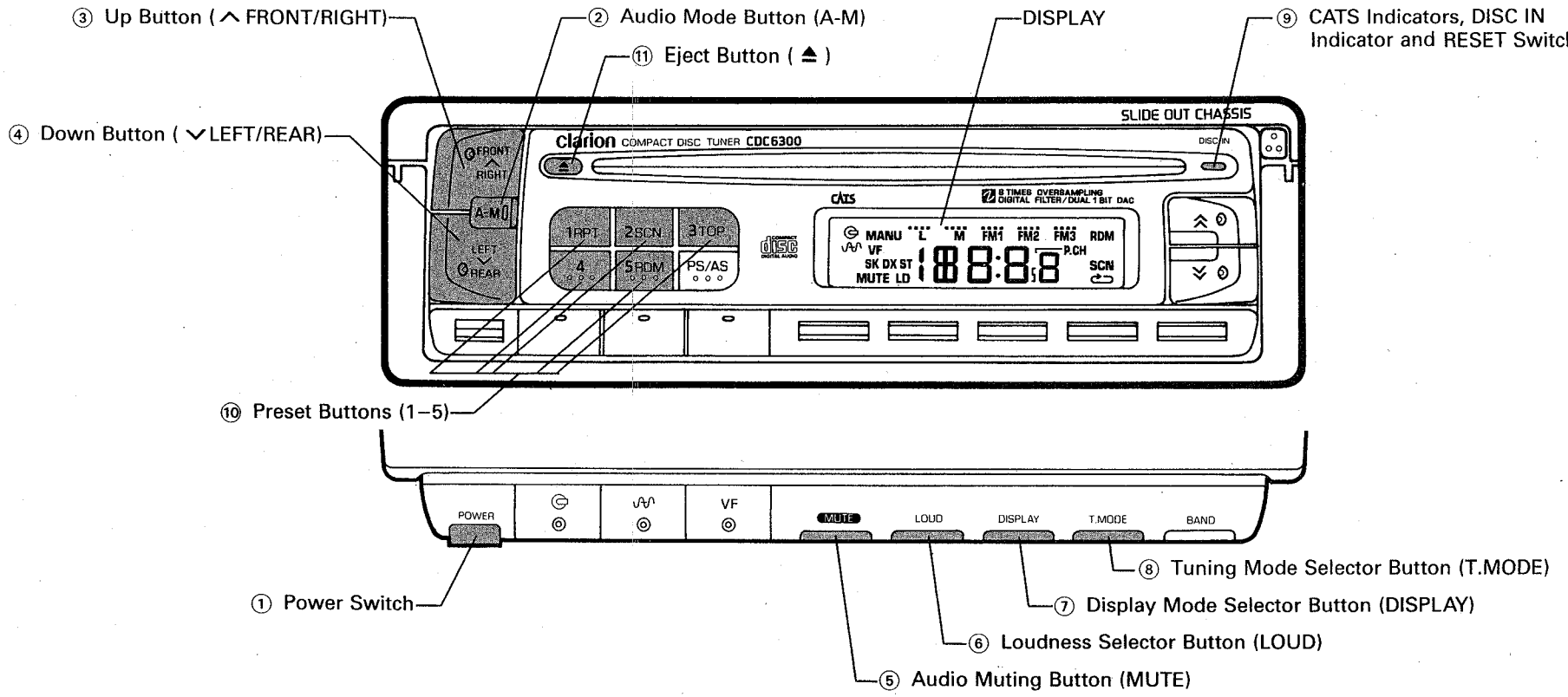
1. PRECAUTIONS

1. Please read this manual carefully before proceeding with installation.
2. Make sure all of the mounting hardware is complete before you install the CDC6300.
3. It is recommended that you remove the negative (−) terminal from the car battery before you install the CDC6300. This will prevent accidental short circuiting during installation.
4. If you have to do any work on the car body, such as drilling holes, etc., consult your car dealer beforehand.
5. Do not open the CDC6300's case. There are no user serviceable parts inside. If you drop anything into the set during installation, consult your nearest CLARION dealer or an authorised CLARION service centre.
6. Never clean the surface of the CDC6300 with chemical solvents, as this could damage the finish. Use a clean dry cloth.
7. If a fuse has blown, check whether the CDC6300 is connected correctly and the car's electrical system is operating properly. Replace the fuse only with the designated type. If the fuse blows again, contact you nearest CLARION dealer or an authorised CLARION service centre.
8. If the car is parked for a long time in the sun during summer or in a cold location during winter, the temperature inside the car will reach extreme levels. As the unit may not function properly in such a case, use it only after the ambient temperature has returned to normal.
   - To protect the semiconductor laser from damage, the CD player will automatically terminate disc play if its internal temperature rises past a standard level. When this occurs, **HHHH** will appear on the display to indicate that the standard level has been exceeded. Eject the disc from the unit using the eject button and wait until the temperature returns to normal. (Note that the disc should be removed from the player for protection.)
9. **8-cm Single CDs**
   Avoid driving with an 8-cm single Compact Disc in the eject condition since vibrations may cause the disc to fall out.
10. Avoid storing compact discs in places which may easily reach high temperatures (such as the dashboard, rear tray, or seat).
11. **Condensation**
    When the inside of the car is very cold and the player is used soon after switching on the heater, dew may form on the disc or the optical parts of the player and proper playback may not be possible. If dew forms on the disc, wipe it with a soft cloth. If dew forms on the optical parts of the player, do not use the player for about one hour and the condensation will disappear naturally to allow normal operation.
12. Driving on bumpy roads which cause severe vibration may cause the sound to jump.
13. In the unlikely event that a problem arises with this player, do not open the case and disassemble or lubricate the rotating parts since the player uses a precision mechanism.

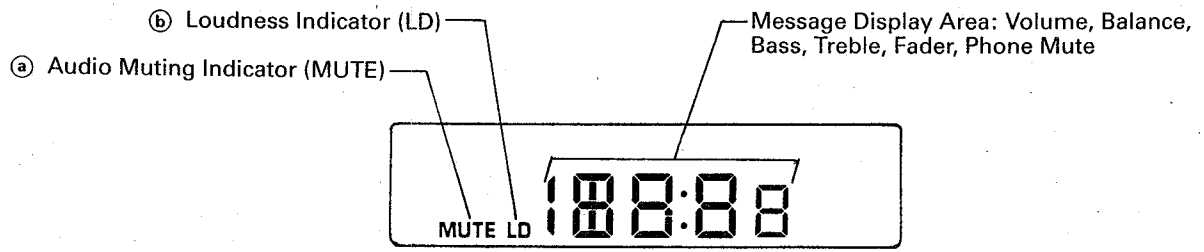
2. NAME OF CONTROLS AND FUNCTIONS

English

2-1. GENERAL



■ DISPLAY


ⓑ Loudness Indicator (LD)
ⓐ Audio Muting Indicator (MUTE)
Message Display Area: Volume, Balance, Bass, Treble, Fader, Phone Mute
MUTE LD

■ THEFT PREVENTION
CATS III (Computer Anti-Theft System III)

The CATS III system incorporated in your car stereo is designed to minimise chances of theft.
The CATS code has not been input yet at the time of delivery, so the unit works as a conventional car stereo. Therefore, you must input an arbitrary 4-digit CATS code following installation. After the CATS code is input, the unit will continue to operate normally unless it is removed or the power to the unit is interrupted. After sending the unit or the car for servicing, you will have to input your CATS code in order to operate the unit. **If a wrong CATS code is input, operation will not be possible for approx. 15 seconds.** If six consecutive mistakes are made, the waiting period will become 15 minutes between each incorrect entry.

1. Be sure to record your CATS code and other data on the RADIO PASS Card. You will have to show the RADIO PASS card when bringing your unit in for servicing (see "Servicing"). Keep your RADIO PASS card in a place away from the car stereo.
2. You must let thieves know that your unit is protected by CATS by putting the stickers (supplied with your unit) on your car windows.

Operation

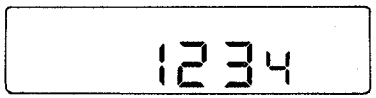
[1] Entering the CATS Code

1. If the power is turned on, press the Power Switch ① to turn the unit off.
2. Press the T.MODE button ⑧, and while keeping it pressed, press the Power switch ① to turn on the power. This will enable input of the CATS code.

Digital Display

"**0000**" starts blinking on the display.

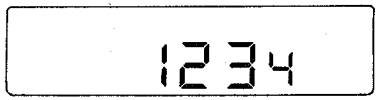
3. Input an arbitrary 4-digit number using the Preset buttons (1 to 5) ⑩.



(Example) Input 1-2-3-4

"**0000**" starts blinking again.

4. Input the same four digits again.



(Example) Input 1-2-3-4

When the second input of the CATS code has been correctly done, the CATS code is registered. The unit's power turns on after "**CODE**" appears on the display.

Notes:

1. Do not forget your CATS code. In the event that you lose your RADIO PASS card and forget your CATS code, your dealer can send the unit to the factory to have the CATS code erased; but only if you can prove you are the rightful owner of the unit.
2. In case you have input a wrong 4-digit code in step 3:
   If, for example you input 2-2-3-4 instead of 1-2-3-4, input any 4-digit number other than 2-2-3-4 in step 4. The unit will then return to the condition in step 2, where "**0000**" blinks on the display. Continue by keying in the correct CATS code.
3. If the input numbers in step 3 and 4 do not match:
   If you input, for example, 1-2-3-4 in step 3 and then 2-2-3-4 in step 4, the unit will return to its original condition. Continue with steps 3 and 4.
4. In case you realise your mistake before entering all 4 digits in step 3 or 4, enter any digits to complete the entry. Then proceed as explained in notes 2 or 3 above.
   Proceed in the same way to correct input mistakes made during [2] Releasing CATS or [3] Erasing and Changing the CATS Code.

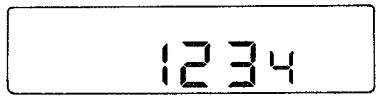
[2] Releasing the CATS Code (when you have removed the car stereo or sent the car for servicing)

1. Turn the power on by pressing the Power switch ①.

Digital Display

"**0000**" starts blinking on the display.

2. Input your CATS code.



(Example) Input 1-2-3-4

English

English

[3] Erasing and Changing the CATS Code

1. If the power is turned on, press the Power Switch ① to turn the unit off.
2. Press the T.MODE button ⑧, and while keeping it down, press the Power switch ① to turn on the power.

Digital Display

"0000" starts blinking on the display.

3. Input your CATS code.

The CATS code has now been erased, and the unit will operate normally.
To input a new CATS code, follow the steps in [1] Entering the CATS Code.

When the erasure of the CATS code has been completed, the power to the unit will be switched on.

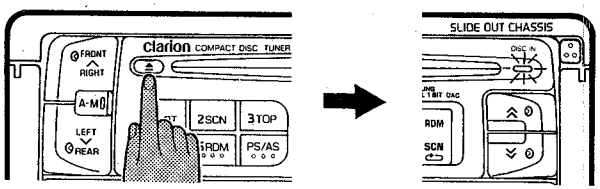
Note: In case you input a wrong CATS code in step 3, you must wait for 15 seconds before the unit accepts a new code. In this case, return to "[2] Releasing the CATS Code", then input the correct CATS number as explained in [2] 2., operate the unit, then perform the steps in "[3] Erasing and Changing the CATS Code".

Servicing

Should your car stereo malfunction, fill in the RADIO PASS card and bring it to the repair shop together with the unit. You may also erase the CATS code yourself as explained in [3] Erasing and Changing the CATS Code, and then bring in the unit for servicing.

■ CATS INDICATOR

As an added measure against theft, you can make the indicator ⑨ flash to alert thieves of an active theft-prevention system.
Pressing the Eject button (⏏) ⑪ for 2 seconds or longer when the power is off will cause the DISC IN indicator ⑨ to start flashing.
Repeat this procedure to make the indicator stop flashing.



■ GENERAL

CAUTION: Turning the ignition on or the Power switch ① on when the volume control is set to maximum or a very high level may cause damage to your hearing.

* **Power Switch ☛ ①**
Press once to turn on the power. The illumination will light. Press once more to turn off the power.

* **Audio Mode Button (A-M) ☛ ②**
The audio mode is normally set to the VOL (volume) control mode. Press this button to select another audio mode. The audio mode switches in the order BASS, TRE (Treble), BAL (left/right balance), FAD (front/rear fader) and then back to VOL. The selected mode is indicated on the display.

* **Up Button (∧ FRONT/RIGHT) ☛ ③**
Down Button (∨ LEFT/REAR) ☛ ④
Use these buttons to adjust the level or balance of the selected audio mode. (See page 7.)

* **Audio Muting Button (MUTE) ☛ ⑤, ⓐ**
Press this button to mute audio output. The "MUTE" indicator will flash. Press once more to release muting and restore the sound volume to the original level.

* **Loudness Selector Button (LOUD) ☛ ⑥, ⓑ**
Press this button to emphasize low and high frequency sounds when listening at low or medium levels. The "LD" indicator will light and you will get a more powerful sound.
Press once more to turn off loudness.

* **Switching the illumination colour ☛ ⑦, ⑧**
The illumination colour of the set can be switched by keeping the Display Mode Selector Button ⑦ pressed and pressing the Tuning Mode Selector Button ⑧. Each time the Tuning Mode Selector Button ⑧ is pressed, the illumination will alternate between amber and green.

* **Triggered phone mute (for use with a cellular phone)**
When a call is received on the cellular phone, the "TEL" indicator lights and sound from the CDC6300 is muted. CD play will pause while "TEL" is displayed. When the phone is hung up, the previous operation resumes.

■ AUDIO MODE DISPLAY AND OPERATIONS

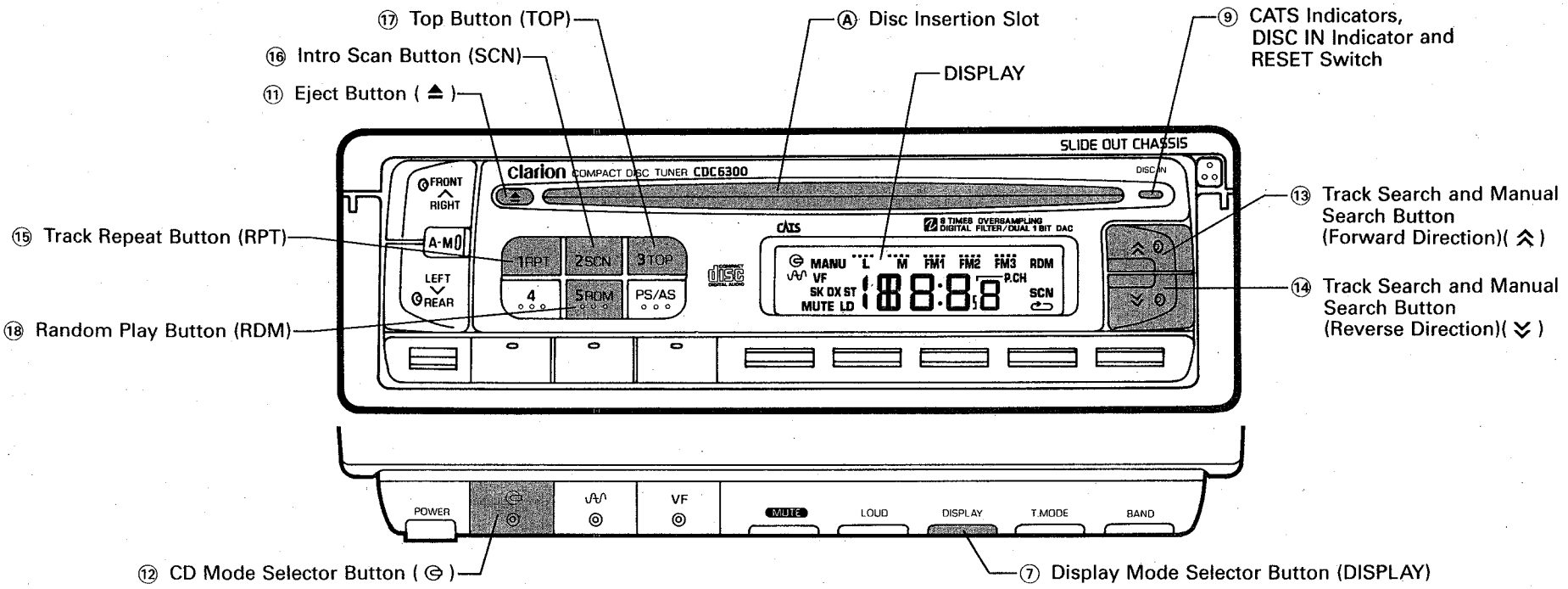
English

Up/Down Buttons / Audio Mode	LEFT ∨ 0 REAR	Centre Position (flat response)	0 FRONT ∧ RIGHT	Operation
VOL (volume control)	Vo 0	Vo 13 (medium setting)	Vo 33	When the numerical value decreases, the volume level is lowered; when the numerical value increases, the level goes up.
BASS (bass control)	BA -7 (negative display)	BA 0	BA 7	A negative value indicates a bass cut while a positive one indicates a bass boost. (Adjustment range is −7 to 7.)
TREB (treble control)	TA -7 (negative display)	TA 0	TA 7	A negative value indicates a treble cut while a positive one indicates a treble boost. (Adjustment range is −7 to 7.)
BAL (left/right balance control)	BL 9	B 0	BR 9	"**B0**" indicates equal volume levels in both channels. When the "**BL**" value increases the volume in the left channel increases, and if the "**BR**" value increases the volume in the right channel increases.
FAD (front/rear fader control)	FA 9	F 0	FF 9	"**F0**" indicates equal volume levels in the front and rear speakers. When the "**FR**" value increases the volume in the rear speakers increases, and if the "**FF**" value increases the volume in the front speakers increases. (Only applicable for a 4-speaker system using the LINE-OUT terminals.) • The built-in amplifier is for front speaker driving only. When using this unit alone, connect it to the front speakers.

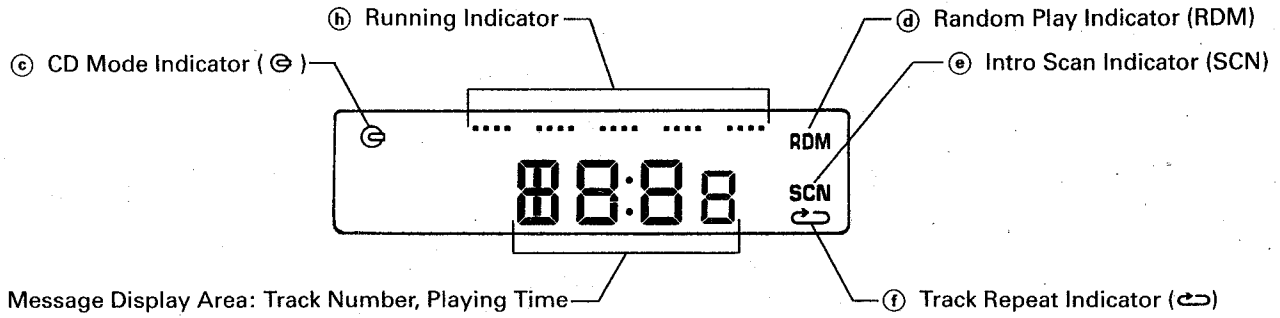
Note 1: In the BAL and FAD modes, the control steps will not correspond to the indicated values because of the large number of steps.
Note 2: After adjusting the audio modes as required, press the Display Mode Selector Button ⑦ to return to the original display.
Note 3: Or, the display will automatically return to the original setting in five seconds if no key is pressed.

English

2-2. CD SECTION



■ DISPLAY


ⓗ Running Indicator
ⓒ CD Mode Indicator (⊖)
ⓓ Random Play Indicator (RDM)
ⓔ Intro Scan Indicator (SCN)
RDM
SCN
ⓖ Message Display Area: Track Number, Playing Time
ⓕ Track Repeat Indicator (⇄)

■ CD SECTION

* Playback

1. Turn the power on pressing the Power switch ①. ☛ ①
2. Hold the Compact Disc with the label facing up and insert it into the Disc Insertion Slot. When the disc is inserted about half-way, the auto loading mechanism takes over and loads the disc correctly. ☛ Ⓐ, ⑨
3. Once the disc has been loaded, the DISC IN indicator ⑨ and the CD Mode indicator (⊖) ⓒ light and playback will start from track no. 1. The Running indicator ⓗ will move from left to right to indicate CD play is in progress. ☛ ⑨, ⓒ, ⓗ

Note: Check whether the DISC IN indicator is lit before inserting a CD. If a CD is already loaded, forcing a new CD into the slot can scratch the disc and damage the set.

■ Operation

* Eject Button (≜) ☛ ⑪

Press this button during playback or when a disc is loaded to eject the CD.

Notes:

1. Pressing the CD Mode Selector Button ⑫ or pushing the CD after it has been ejected will cause the disc to be loaded and played back again.
2. Once the CD is ejected, be sure to remove it from the Disc Insertion Slot within 15 seconds. Otherwise it will reload automatically to protect it from damage. Disc play will not start in this case, however.
3. When using 8-cm CD singles, the CD cannot be loaded by pressing the CD Mode Selector Button ⑫ and the auto reloading function, described above, will not work.

* CD Mode Selector Button (⊖) ☛ ⑫

1. Press this button when you want to switch from the Tuner mode to the CD mode.
2. If this button is pressed during CD playback, playback will pause. Press the button once more to release the pause mode and continue CD playback.

* Track Search and Manual Search Buttons

1. **Forward Direction (≪) ☛ ⑬**
   Each time this button is pressed during playback, the track number on the display will increase by one (track search). Keeping the button pressed, playback will speed up for quick search to a desired point in the track (manual search). If the button is kept pressed for 5 seconds or more, the CD is played back at 15 times the normal playback speed.
2. **Reverse Direction (≫) ☛ ⑭**
   Each time this button is pressed during playback, the track number on the display will decrease by one (track search). Keeping the button pressed, the track will be played quickly in reverse for quick search to a desired point in the track (manual search). If the button is kept pressed for 5 seconds or more, the CD is played back in reverse at 15 times the normal playback speed.

* Track Repeat Button (RPT) ☛ ⑮, ⓕ

Press this button to play a track repeatedly. When the button is pressed during CD playback, "↻" lights on the display and the track currently playing is played repeatedly. To cancel repeat playback, press the button once more. The "↻" indicator goes out and normal playback resumes.

* Intro Scan Button (SCN) ☛ ⑯, ⓔ

Use this button to find a certain track on the CD. When the button is pressed, the "SCN" indicator ⓔ lights and the first 10 seconds of each track are played. To stop Intro Scan operation, press this button once more. The "SCN" indicator goes out and normal playback resumes.

* Top Button (TOP) ☛ ⑰

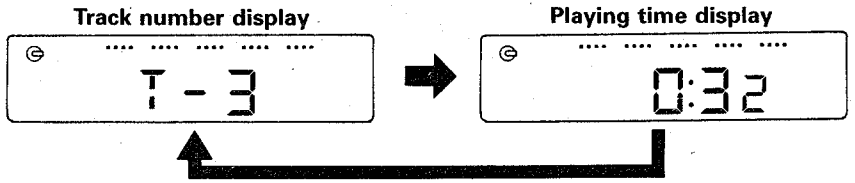
Use this button to start playback from the beginning of the CD. When pressed, playback will start over from the beginning of track 1.

* Random Play Button (RDM) ☛ ⑱, ⓓ

When this button is pressed during CD playback, the "RDM" indicator ⓓ lights and the tracks on the CD will be played back in a random order, generated by the built-in microprocessor. To cancel random playback, press this button once more. The "RDM" indicator goes out and normal playback resumes.

* Display Mode Selector Button (DISPLAY) ☛ ⑦, ⑨

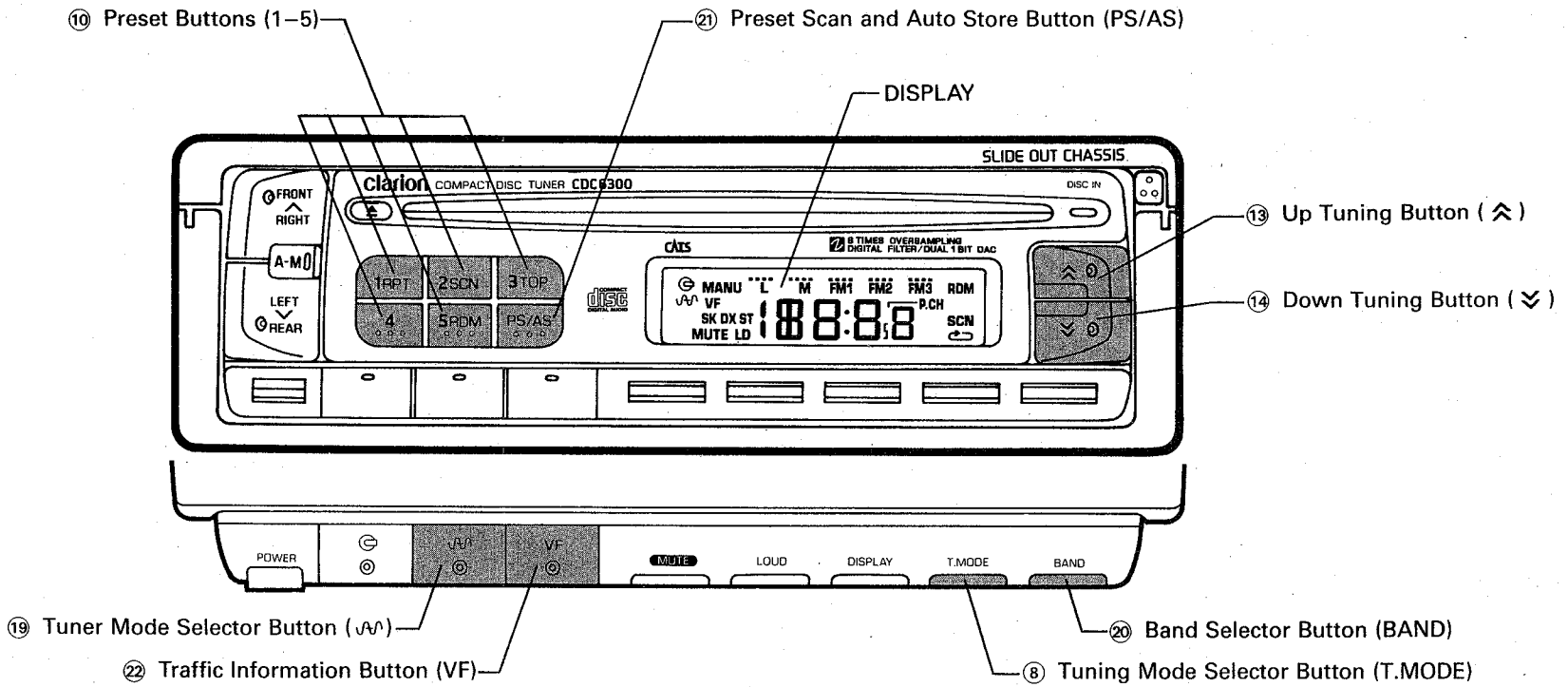
Use this button to select between display of track numbers or the playing time.



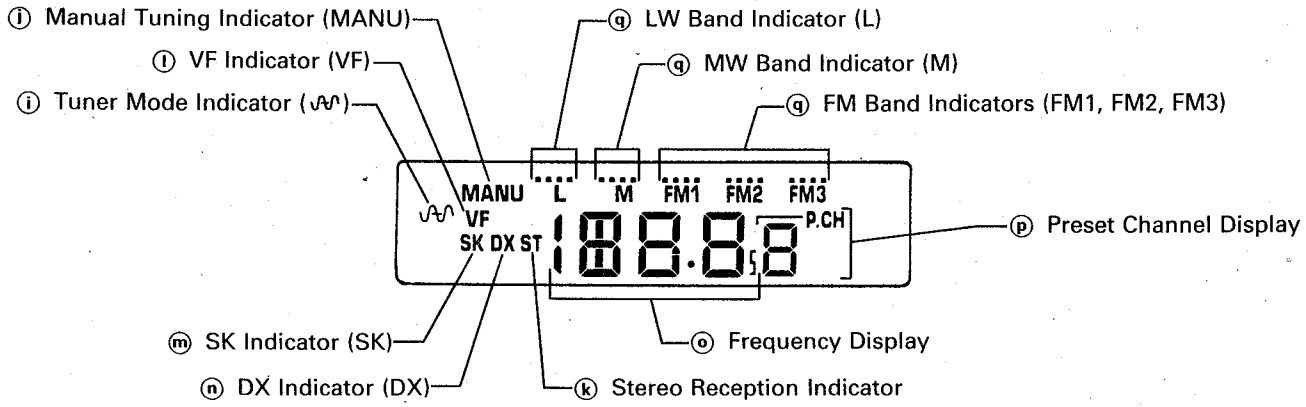
English

English

2-3. RADIO SECTION



■ DISPLAY



■ RADIO SECTION
■ Operation

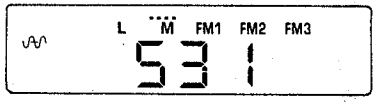
*** Tuner Mode Selector Button (∿) ☛ ⑲, ⓘ, ⓞ, ⓠ**
Press this button to switch from the CD mode to the Tuner mode.
When this button is pressed, the Tuner Mode indicator (∿), one of the Band indicators (■■■■) and the frequency light, and radio broadcasts can be listened to.

*** Band Selector Button (BAND) ☛ ⑳, ⓠ**
Press this button to switch to another reception band.
Each time this button is pressed, the reception band changes in the following order: FM1 → FM2 → FM3 → LW/MW → FM1, etc.
The selected band can be confirmed with a quick glance at the display. Four square dots (■■■■) will light above the Band indicator corresponding to the band you are listening to.

The frequency being received is displayed here.
The frequency is displayed in units of kHz for the LW/MW bands and MHz for the FM band.

LW band selected

MW band selected



FM1 band selected

Note: FM1, FM2 and FM3 covers the same band.

*** Tuning Mode Selector Button (T.MODE) ☛ ⑧, ⓙ**
Press this button to select the tuning mode.
If the "MANU" indicator lights when this button is pressed, the Manual Tuning mode is set. If the "MANU" indicator does not light, the Seek Tuning mode is set.

*** Up/Down Tuning Buttons (⩓ , ⩔) ☛ ⑧, ⑬, ⑭, ⓙ, ⓞ**

- **Manual Tuning**
  Press the Tuning Mode Selector button ⑧ so that "MANU" lights on the display.
  Press the Up Tuning button ⑬ to increase the displayed frequency or press the Down Tuning button ⑭ to decrease the frequency.
  The frequency changes in steps of 50 kHz on the FM band, 9 kHz on MW and 1 kHz on LW.
  Keeping one of the buttons pressed will change the frequency continuously.

- **Seek Tuning (DX/Local) ☛ ⑧, ⑬, ⑭, ⓙ, ⓝ, ⓞ**
  Use this mode to search for broadcasting stations.
  Press the Tuning Mode Selector button ⑧ so that "MANU" goes out on the display. Press the Up Tuning button ⑬ or Down Tuning button ⑭ to seek for a station broadcasting at a higher or lower frequency on the selected band. When a station is found, seek tuning stops.
  During seek tuning, the frequency changes in steps of 50 kHz on the FM band, 9 kHz on MW and 1 kHz on LW.
  Keeping the Tuning Mode Selector button ⑧ pressed for more than 2 seconds, the set will switch between DX and Local sensitivity.
  When the DX mode is set ("DX" indicator ⓝ lit), seek tuning will stop whenever a station is found. When local sensitivity is set ("DX" indicator ⓝ not lit), seek tuning will only tune in stations with strong signals, in other words stations broadcast from local transmitters.

*** Preset Scan and Auto Store Button (PS/AS) ☛ ⑩, ⑳, ㉑, ⓞ, ⓟ, ⓠ**

Auto Store: Pressing this button for more than two seconds, up to five strong stations in the area are stored on the five presets for the selected band.
Auto Store is convenient when driving away from home when you do not know the frequency assignment of local stations.

Preset Scan: Pressing the switch for less than two seconds, the preset stations on the selected band are scanned.
In this way you can quickly decide on which station of the preset ones you want to listen to.

- **Auto Store (AS)**
  1. Select the desired band by pressing the BAND Selector button ⑳.
  2. Press the PS/AS button ㉑ for two seconds or more to store up to five strong stations in the area on the selected band.

English

English

3. To stop Auto Store operation, press the PS/AS button ㉑ once more.

Notes:

1. When using Auto Store on an FM band, when all five presets for that band have been preset, the set will NOT switch to another FM band.
2. Auto Store stops if fewer than five stations with sufficiently strong signals are found on the band.
3. Any previous stations memorised on the band will be erased as new ones are stored in memory.

- **Preset Scan (PS)**
  1. Select the desired band by pressing the BAND Selector button ⑳.
  2. Press the PS/AS button for less than two seconds to scan the preset stations on the selected band. The preset stations will be tuned in for five seconds each.
     During preset scanning, the frequency of the received station and the corresponding preset channel number are displayed.

Notes:

1. When Preset Scan is used on the FM band, the preset channels on the FM1, FM2, and FM3 bands are scanned continuously in order.
2. If a preset station is already tuned in, scanning will start from the next preset station.
3. If the signal of a preset station is too weak, that station will be skipped during Preset Scan.
4. To continue to listen to a station, press the PS/AS button ㉑ once again, or press one of preset buttons ⑩ 1 to 5.
5. Be careful not to press the PS/AS button for two seconds or more, as this will engage Auto Store and memorised stations will be erased as new ones are being stored.

✱ **Presetting Stations** ☛ ⑩, ⑲, ⑳, ㉑, ⓟ, ⓠ

With this unit, a total of 20 stations can be stored in memory, 5 stations for each of the LW/MW, FM1, FM2 and FM3 bands.

1. Press the Tuner Mode Selector button ⑲ to select the tuner mode and select the desired band (FM1, FM2, FM3, or LW/MW) with the BAND selector button ⑳.
2. Activate the Auto Store feature. (See Auto Store (AS) above.)
3. In case the Auto Store features fail to memorise up to five station or if you want to preset stations with weak signals:
   1) Select the desired broadcasting station using the Manual Tuning mode. (See Manual Tuning.)
   2) Keep the Preset button, on which you want to store the station, pressed for more than two seconds. The sound from the broadcasting station is muted. When you hear the sound again, the station has been stored in memory.

✱ **Preset Buttons (1–5)** ☛ ⑩, ⓟ

Once your favourite stations have been stored on the Preset buttons, you can tune into them simply by pressing one of the preset buttons. The number of the selected button appears in the Preset Channel display.

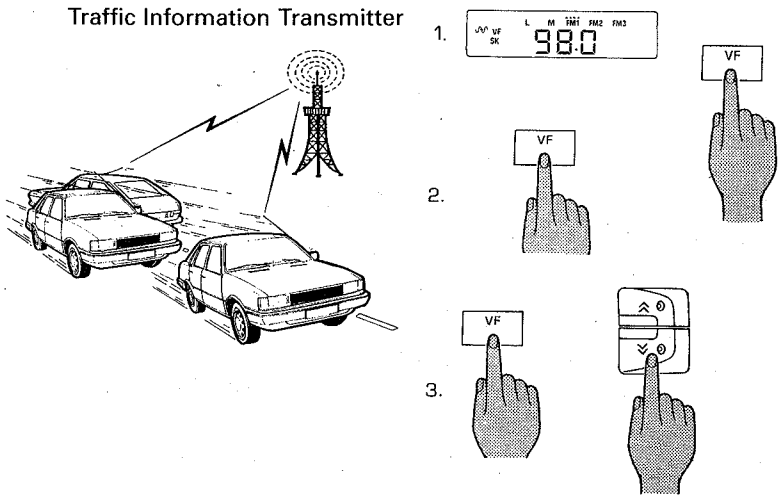
✱ **Stereo Reception Indicator (ST)** ☛ ⓚ

The "ST" indicator lights on the display when an FM station with a strong signal broadcasting in stereo is received.

Note: The "ST" indicator does not light during manual tuning, seek tuning, and the Preset Scan and Auto Store modes. The indicator lights only when a station has been properly tuned in.

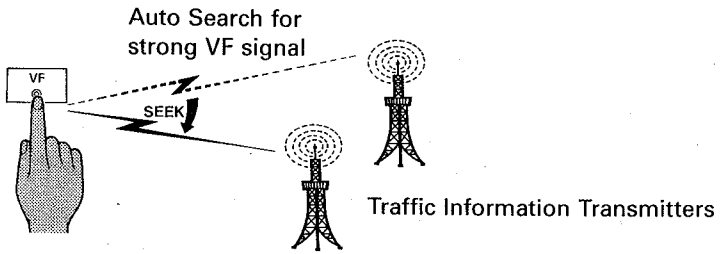
✱ **Traffic Information Button (VF)** ☛ ㉒, ⓘ, ⓜ

1. Traffic information broadcasts are special announcements to alert drivers of road blocks, congestions, etc. on the roads. These broadcasts are broadcast on major radio stations. (Germany, Switzerland and Austria)
   When the "SK" indicator is lit, this signifies that the station tuned in transmits traffic information broadcasts.
   Using the VF button ㉒, you can select automatic reception of Traffic Information broadcasts ("VF" indicator lit). This means that if a traffic information broadcast is aired while you listen to a CD, CD play will pause and the announcement can be heard. When the announcement is completed, CD playback continues. Traffic Information announcements are reproduced at a preset volume level and can be heard even if the volume level is set to minimum.
   "INFO" appears on the display during reception of traffic information broadcasts.
2. If the VF button ㉒ is pressed while a station not broadcasting traffic information is being received, the unit will search for a station broadcasting such information and tune into it if possible.
3. If the "VF" indicator lights during Seek Tuning or Auto Store, only stations broadcasting Traffic Information will be heard or stored in memory.



*** Retuning of Traffic Information Stations (only valid when VF is on)** ☛ ㉒

When the signal from the station broadcasting traffic information becomes too weak, the unit will search for another station broadcasting such information.



*** Adjusting the Volume of Traffic Information Announcement**

☛ ③, ④, ㉒, ⓪

The volume level for traffic information announcements has been preset at the factory. It is possible to change this level if required.

1. Tune in the traffic information station broadcasting the strongest signal you can find.
2. Keep the VF button ㉒ pressed for 2 seconds. "VF18" will be displayed.
3. Use the Up button ③ and Down button ④ to change the volume level of traffic information announcements. The minimum level is 13 and maximum level 23.
4. Once a suitable level has been set, press the VF button ㉒ once more to return to normal operation.

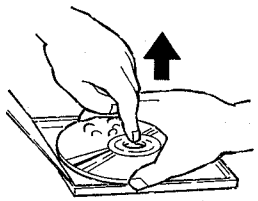
English

3. HANDLING COMPACT DISCS

English

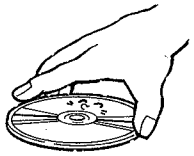
This unit has been designed specifically for playing compact discs bearing the "COMPACT DISC DIGITAL AUDIO" mark.
No other discs can be played.
To remove the compact disc from its storage case, press down on the centre of the case and lift the disc out, holding it carefully by the edges.

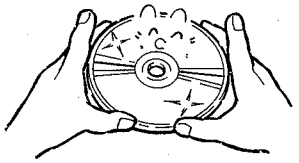
Removing the disc



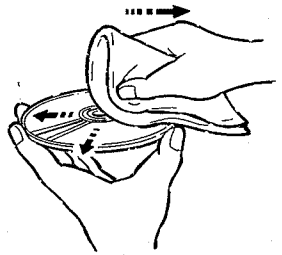
Proper way to hold the compact disc

Always handle the compact disc by its edges. Never touch the surface.



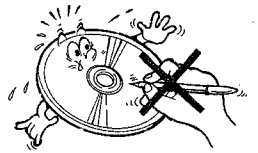


You should wipe any fingermarks and dust off with a soft cloth, wiping in a straight motion from the centre of the compact disc to the outside.

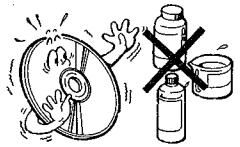


■ NOTE ON COMPACT DISCS

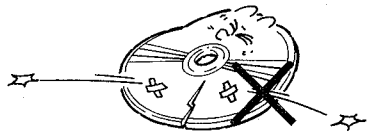
Never stick labels on the surface of the compact disc or mark the surface with a pencil or pen.



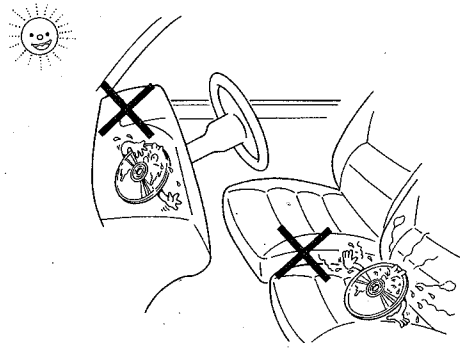
Do not use any solvents such as commercially available cleaners, antistatic spray, or thinner to clean the compact disc.



Do not insert a compact disc with serious scratches, or CDs that are deformed or faulty as this can result in malfunction or even damage to the unit.



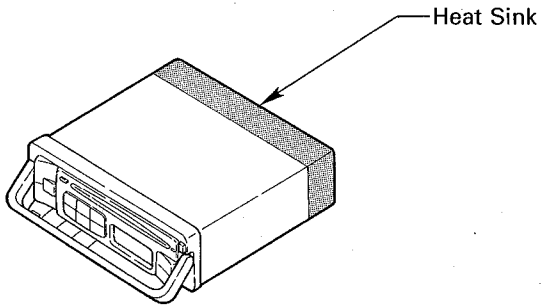
Do not expose the compact disc to direct sunlight or any heat source.



4. CAUTION IN HANDLING

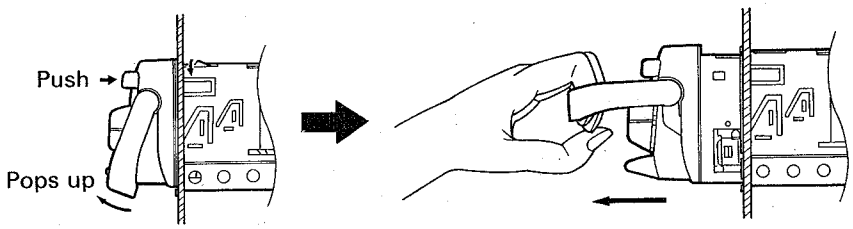
■ Pay close attention to these cautions BEFORE removing the unit from its mounting bracket

1. **Eject the disc and turn the power off before the unit is removed from the dash.**
2. **Avoid touching the unit's heat sink immediately after use, since it can be very hot.**



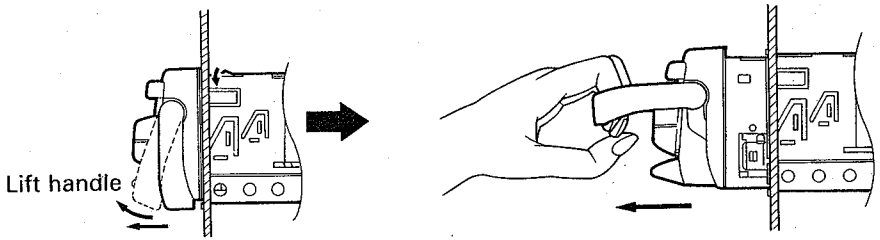
■ PROCEDURE FOR REMOVAL

1) Push the release button. The handle will spring forward.
2) Lift up the handle and carefully pull out the unit.



or

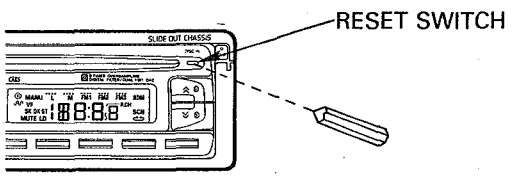
1) Lift the handle and carefully pull out the unit.



English

5. TROUBLESHOOTING

English

PROBLEM	CAUSE	REMEDY
No power.	Fuse blown.	Replace fuse.
	Improper connection of connection wires.	Connect wires correctly.
	Incorrect setting of the Fader control mode (FAD).	If you use a 2-speaker system, no sound will be heard if the Fader setting is to the very rear ("**FR9**" displayed). In that case, adjust the Fader control (FAD).
CD will not load.	A CD is already loaded.	Press the Eject button (⏏) ⑪.
CD loads but is immediately ejected.	The CD is loaded upside down.	Turn the CD over and load it again.
Cannot eject the CD.	Malfunction in built-in microcomputer.	Contact the store of purchase or the nearest authorised Clarion service centre.
Music skips or misses portions of the track being played.	The CD is badly scratched, warped, or defective.	Clean the CD or play another one.
Poor sound reproduction when unit is switched on.	Probably due to dew formation on optical pick-up or CD.	Leave the unit switched on for about 1 hour to let the moisture evaporate.
Nothing happens when a button is pressed. Incorrect display.	Malfunction of built-in microprocessor due to electrical noise, etc.	Turn off the Power switch or turn off the ignition switch completely. Press the Reset switch with e.g. a ballpoint pen. 

■ This unit incorporates a variety of diagnostic functions for protection of the system. If damage to the system occurs, an error display will appear. Be sure to act in accordance with the Recommended Remedy.

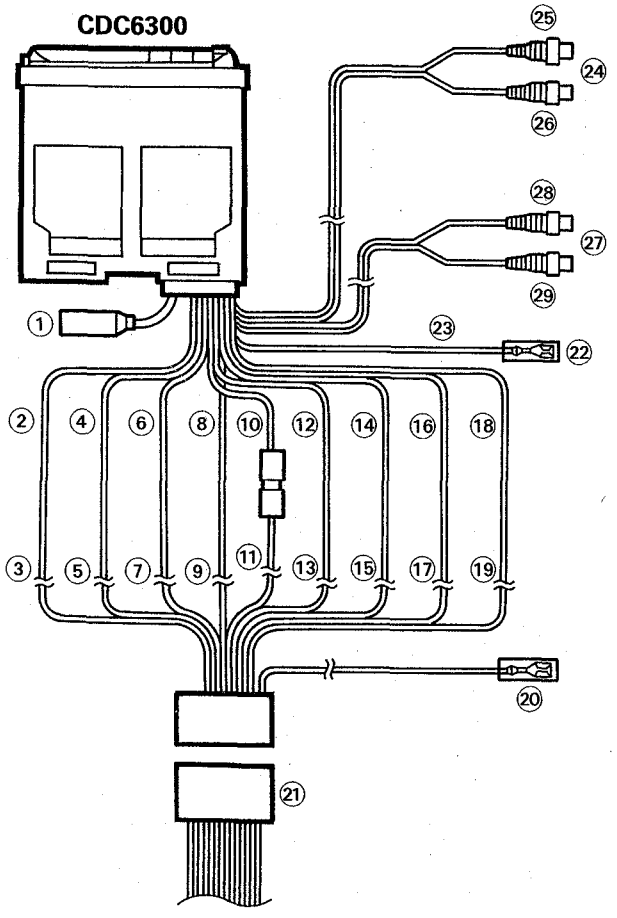
Error Display	Recommended Remedy
	Displayed in the CD mode. Temperature is too high. →Wait until the temperature has settled to normal. (See item 8 under Precautions on page 3.)
	Display in the CD mode. Indicates a malfunction in the CD mechanism (e.g. the ejecting and loading system does not operate.) →The CD mechanism could have been damaged. Refer the problem to your dealer or the nearest AUTHORISED Clarion service centre.
	Displayed during CD playback. Indicates pick-up focus failure, which is most likely due to serious scratches on the CD. →Check the disc for scratches.

6. WIRE CONNECTIONS/CABLAGE

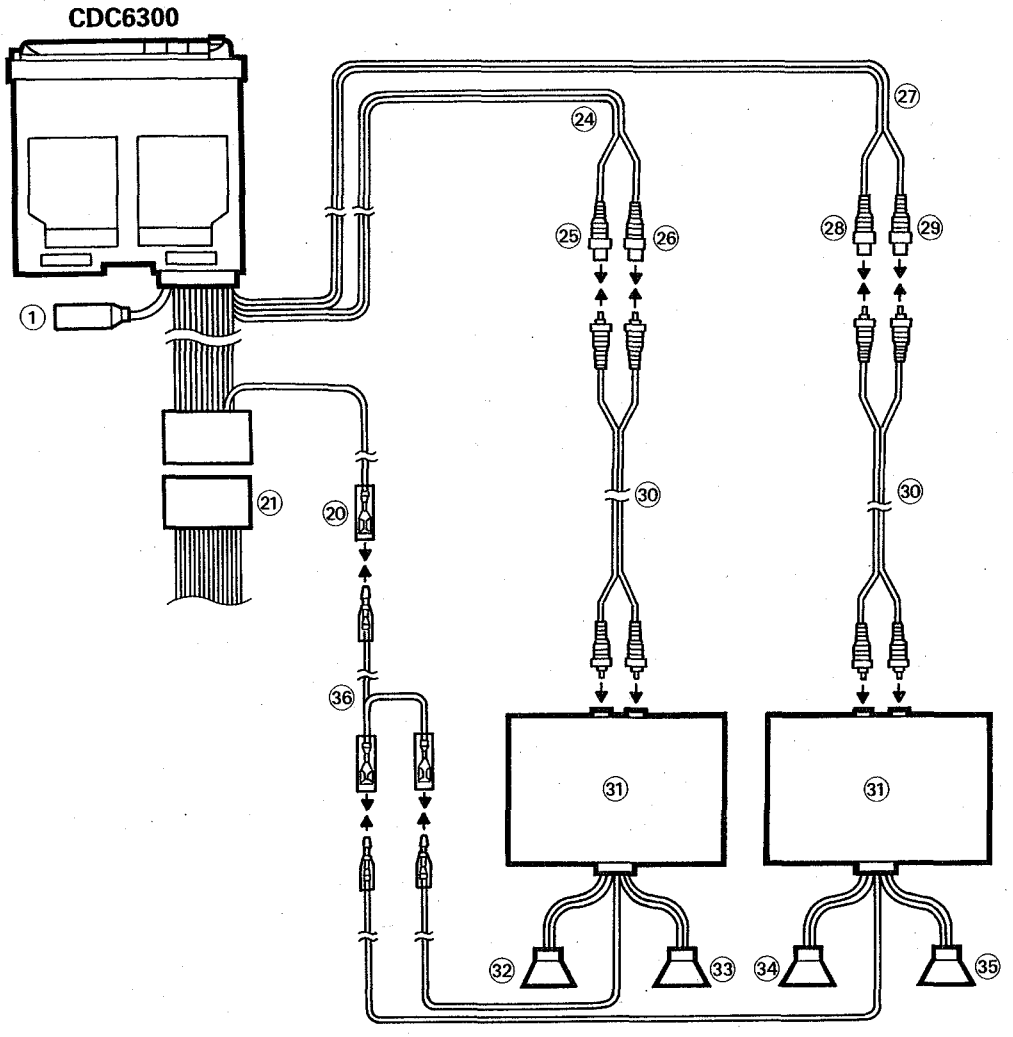
English

■ 2-speaker application ㊲
■ Système à 2 enceintes ㊲

Français



■ 4-speaker application 2×2-channel high-power amplifier ㊳
■ Système à 4 enceintes avec amplificateur de puissance 2×2 canaux ㊳



6. WIRE CONNECTIONS

(See page ⑯)

① ANTENNA
② FRONT RIGHT ⊕
③ GRAY
④ FRONT RIGHT ⊖
⑤ GRAY/BLACK
⑥ FRONT LEFT ⊕
⑦ WHITE
⑧ FRONT LEFT ⊖
⑨ WHITE/BLACK
⑩ ACCESSORY +12 V
⑪ RED
⑫ GROUND
⑬ BLACK
⑭ AUTO ANTENNA
⑮ BLUE/WHITE
⑯ ILLUMINATION
⑰ ORANGE/WHITE
⑱ PERMANENT
⑲ YELLOW
⑳ AMP REMOTE (BLUE/WHITE)
㉑ Interface connector for desired car application
㉒ PHONE MUTE (to external mute lead of cellular telephone)
㉓ BROWN
㉔ RCA LINE OUTPUT (GRAY LEAD)
for connection of external power amplifier
㉕ RED (FRONT RIGHT)
㉖ WHITE (FRONT LEFT)
㉗ RCA LINE OUTPUT (BLACK LEAD)
for connection of external power amplifier
㉘ RED (REAR RIGHT)
㉙ WHITE (REAR LEFT)
㉚ RCA TERMINAL EXTENSION CORD
(separately available)
㉛ **STEREO POWER AMPLIFIER**
㉜ **FRONT LEFT SPEAKER**
㉝ **FRONT RIGHT SPEAKER**
㉞ **REAR LEFT SPEAKER**
㉟ **REAR RIGHT SPEAKER**
㊱ **EXTENSION CORD** (separately available)
㊲ **2-speaker application**
㊳ **4-speaker application 2×2-channel high-power amplifier**

Notes:

1. 4-speaker application
   Use either the front speaker leads (②, ④, ⑥ and ⑧) and the RCA LINE OUT terminals ㉗ with a 2-channel amplifier or the RCA LINE OUT terminals ㉔ and ㉗ with a 2×2-channel amplifier.
2. Use speakers with an impedance of 4Ω and input of 25 W or greater. When using an external power amplifier, please be sure to use compatible speakers.
3. Improper installation may cause damage to your unit or car. If you do not have appropriate experience, consult a qualified installer.
4. For other system applications, contact your dealer for details.

English

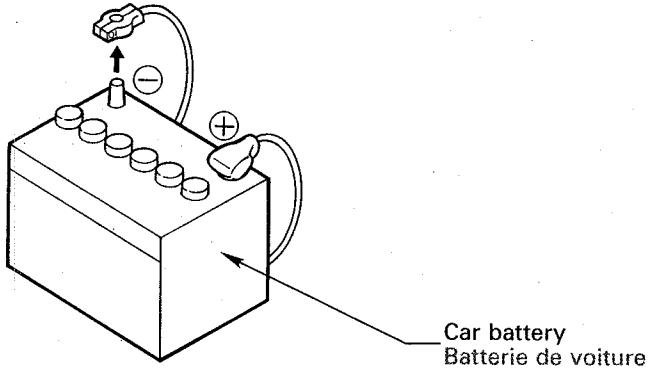
7. INSTALLATION/INSTALLATION

English

Français

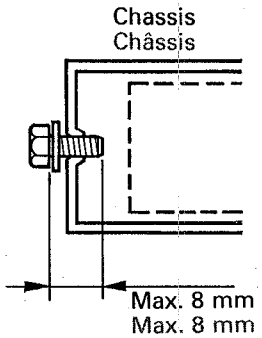
Before proceeding with installation:
1) Remove the (−) terminal connector from the car battery.

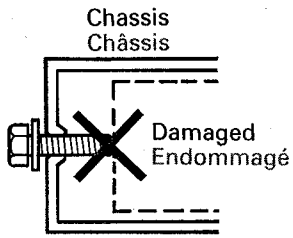
Avant de procéder à l'installation:
1) Enlever le connecteur de la borne (−) de la batterie de la voiture.



2) Use the supplied screws for installation. Other screws may cause problems.

2) Utiliser les vis fournies pour l'installation. D'autres vis peuvent provoquer des problèmes.





3) Pay special attention when routing wires in the car. Keep the wires at a safe distance from the engine and exhaust system area in the engine room. Extreme heat will damage the wires.

3) Faire particulièrement attention lors de l'acheminement des câbles dans la voiture.
Garder les câbles à une distance sûre du moteur et de la zone d'échappement de gaz dans le compartiment du moteur. Une chaleur extrême endommagera les câbles.

English

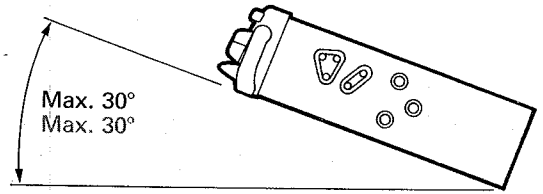
4) Make sure all connectors are securely connected. Turn the unit off before connecting or disconnecting any connectors.

5) Install the unit within 30 degrees of the horizontal plane.

Français

4) S'assurer que tous les connecteurs sont correctement connectés. Eteindre l'appareil avant de connecter ou déconnecter les connecteurs.

5) Installer l'appareil dans les 30 degrés du plan horizontal.



Notes:
1. A few car models require special mounting kits for proper installation. Contact your CLARION dealer for details.
2. Mount securely. Loose mounting may reduce performance when driving.

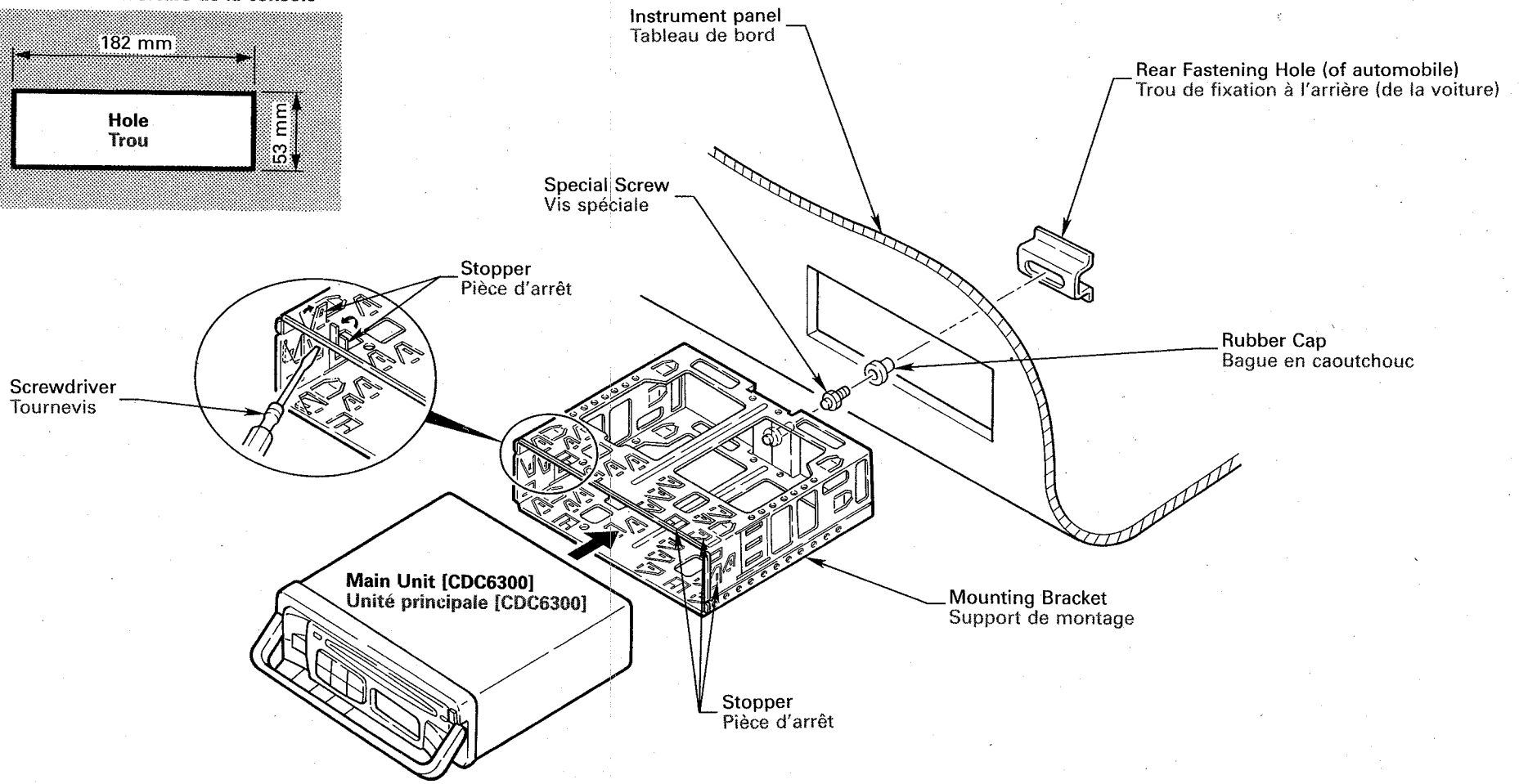
Remarques:
1. Quelques modèles de voiture nécessitent des kits de montage spéciaux pour une installation correcte. Consulter le revendeur CLARION pour les détails.
2. Monter correctement. Un montage relâché peut réduire la performance lors de la conduite.

■ INSTALLATION OF THE CDC6300/INSTALLATION DU CDC6300

English

Français

Console Opening Dimensions
Dimensions d'ouverture de la console



Fasten the rear installation and the front stopper securely to prevent the mounting bracket from coming loose.

Fixer l'installation arrière et l'arrêt avant solidement afin d'éviter le relâchement de la console de montage.

Figure 1/Figure 1

English

Français

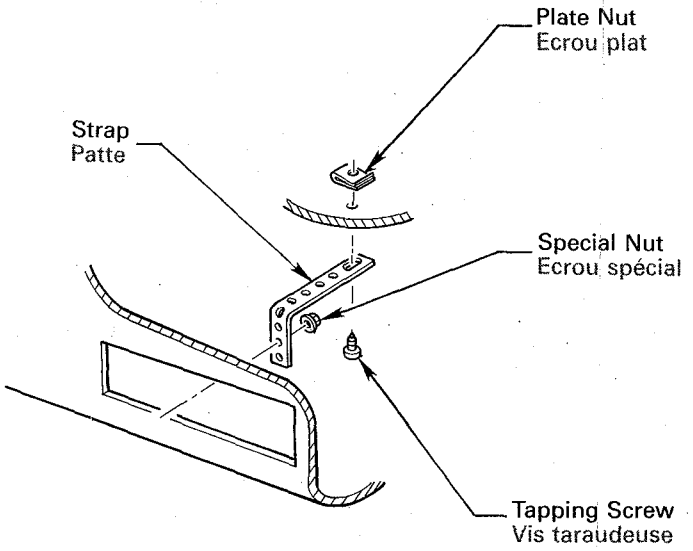


Figure 2/Figure 2

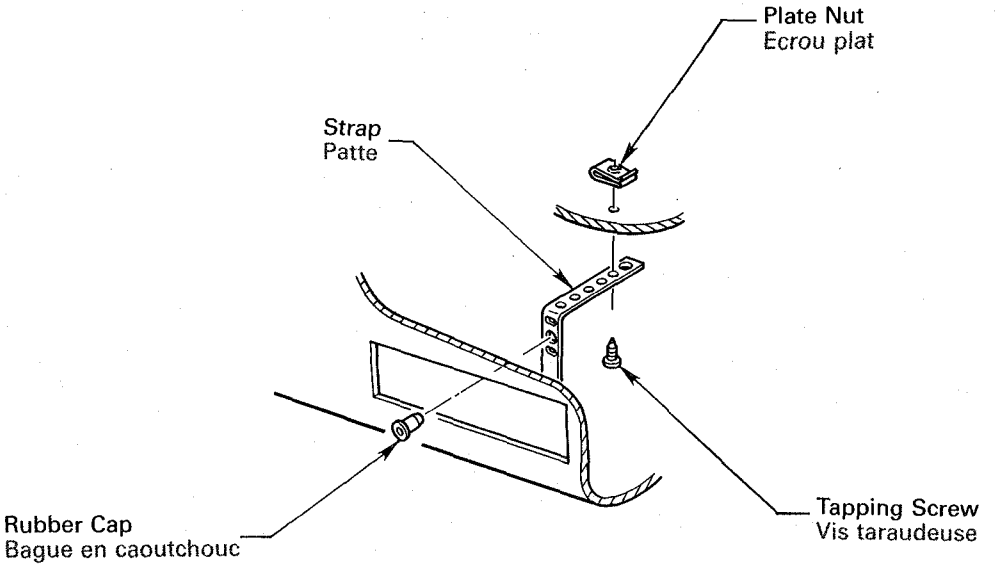


Figure 3/Figure 3

■ INSTALLATION OF THE CDC6300

1) Place the mounting bracket into the instrument panel, use a screwdriver to bend each stopper of the mounting bracket inward, and then secure the stoppers. (Figure 1)
2) To secure the back of the mounting bracket, when a rear fastening hole is provided inside the car, place the rubber cap over the screw in the back of the mounting bracket, and then insert it into the rear fastening hole. (Figure 1)
3) In case no rear fastening hole is provided inside the car, fasten the rear of the bracket as shown in Figures 2 and 3.

■ INSTALLATION DU CDC6300

1) Placer la console de montage dans le tableau de bord, à l'aide d'un tournevis pour replier chaque arrêt de la console de montage vers l'intérieur, puis fixer les arrêts. (Figure 1)
2) Pour fixer l'arrière de la console de montage, lorsque la voiture comporte un trou de fixation à l'arrière, placer la bague en caoutchouc par-dessus la vis à l'arrière de la console de montage, puis l'insérer dans le trou de fixation à l'arrière. (Figure 1)
3) Si la voiture ne comporte pas de trou de fixation à l'arrière, fixer l'arrière de la console comme indiqué par les Figures 2 et 3.

3. SPECIFICATIONS/SPECIFICATIONS

English

Français

RADIO SECTION

Tuning System:	PLL synthesizer tuner
Receiving Frequencies:	FM: 87.5 to 108 MHz (50 kHz steps)
	MW: 531 to 1,602 kHz (9 kHz steps)
	LW: 153 to 281 kHz (1 kHz steps)
Intermediate Frequency:	FM: 10.7 MHz
	MW/LW: 450 kHz

CD SECTION

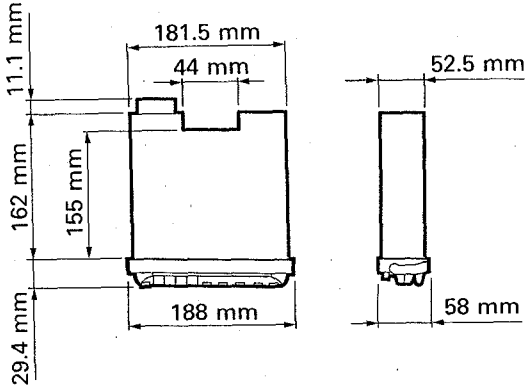
System:	Compact Disc Audio
Signal Format:	Sampling frequency 44.1 kHz×8
D/A Converters:	Dual 1-bit D/A converter
Frequency Response:	20 Hz to 20,000 Hz (±2 dB)
Dynamic Range:	92 dB (1 kHz)
S/N Ratio:	92 dB (1 kHz), IHF-A
Wow & Flutter:	Below measurement range
Distortion:	0.018%

GENERAL

Speaker Impedance:	4Ω×2
Power Supply Voltage:	DC 14 V (10.8 to 15.6 V), negative ground
Power Consumption:	7.5 A (at max. power output)
Auto Antenna Rated Current:	
	Max. 350 mA

Note:
Short-circuiting the auto antenna terminal or using an auto antenna with a current exceeding the rated current can damage internal circuits. Always use with the rated current.

Dimensions:



Weight: 1.95 kg

* Specifications and design are subject to change without notice.

SECTION RADIO

Système de syntonisation:	Tuner synthétiseur PLL
Gamme de fréquence:	FM: 87,5 à 108 MHz (par pas de 50 kHz)
	PO: 531 à 1.602 kHz (par pas de 9 kHz)
	GO: 153 à 281 kHz (par pas de 1 kHz)
Fréquence intermédiaire:	FM: 10,7 MHz
	PO/GO: 450 kHz

SECTION CD

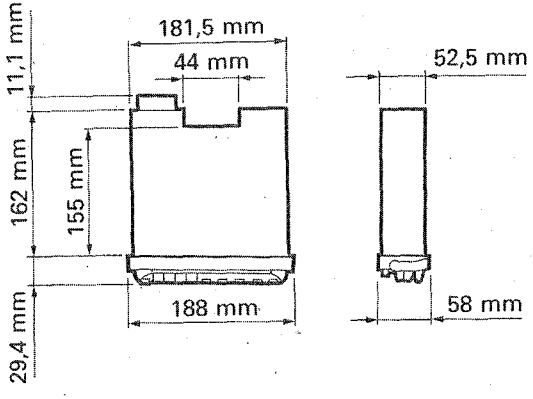
Système:	Disque compact audio
Format du signal:	Fréquence d'échantillonnage 44,1 kHz×8
Convertisseurs N/A:	Double convertisseur N/A 1 bit
Réponse en fréquence:	20 Hz à 20.000 Hz (±2 dB)
Gamme dynamique:	92 dB (à 1 kHz)
Rapport S/B:	92 dB (à 1 kHz), IHF-A
Pleurage & scintillement:	Au-dessous des limites mesurables
Distorsion:	0,018 %

GENERALITES

Impédance d'enceinte:	4Ω×2
Tension d'alimentation:	CC 14 V (10,8 à 15,6 V), à masse négative
Consommation:	7,5 A (à puissance max.)
Intensité nominale d'antenne automatique:	
	Max. 350 mA

Remarque:
Un court-circuit de la borne d'antenne automatique ou l'utilisation d'une antenne automatique avec une intensité dépassant l'intensité nominale peut endommager les circuits internes. Toujours utiliser à intensité nominale.

Dimensions:



Poids: 1,95 kg

* Les spécifications et la conception sont susceptibles d'être modifiées sans préavis dans un but d'amélioration.

9. FEATURES/CARACTERISTIQUES

English

Français

TUNER
- Electronic Quartz-Locked PLL Tuning
- One-touch Memory (15 FM, 5 MW/LW)
- Tuning Modes: Manual Tuning and Station Seek in Both Directions
- Preset Scan (PS)
- Auto Store (AS) on FM/MW/LW
- Auto DX/LO Switching for Auto Store
- Super SASC II (Signal Actuated Stereo Control) & CZ1 Noise Canceller
- Automatic Traffic Information Reception (VF)
- Adjustable DK Level

CD SECTION
- Low Vibration Suspension System
- 8 Times Oversampling Digital Filter
- Dual 1-bit "Bitstream" D/A Converters
- 3-Beam Laser Tracking System
- Direct Disc Loading System
- Random Playback–No Repeat
- Intro Music Scan
- Music Selection Repeat
- Track Music Search FF/FB
- Last Track Memory
- Automatic Disc Initializer (TOP)
- Automatic Reload after 15 Seconds
- DISC IN Indicator
- 8 cm CD Single Compatible
- Full Logic CD Controls

AUDIO SECTION
- Muting, Loudness, Fader, Bass/Treble
- Maximum Power Output: 25 W×2
- 4-channel Gold-plated RCA Line Level Output

GENERAL
- CATS III (Computer Anti-Theft System)
- Night Illumination with Dual Colour Selector (Amber/Green)
- DIN Chassis with Slide-Out Bracket
- Triggered Phone Mute
- Power Antenna Activator
- LCD Display with Message Area
- Radio/CD Mode Selectors

TUNER
- Syntonisation électronique PLL piloté par quartz
- Mémoire à une touche (15 stations FM, 5 stations PO/GO)
- Modes de syntonisation: syntonisation manuelle et automatique de station dans les deux directions
- Balayage préréglé (PS)
- Stockage automatique (AS) sur les gammes FM/PO/GO
- Commutation automatique DX/LO pour le stockage automatique
- Super SASC II (commande stéréo activé par un signal) & déparasiteur CZ1
- Réception automatique d'informations sur la circulation (VF)
- Niveau DK réglable

SECTION CD
- Système de suspension à faible vibration
- Filtre numérique à suréchantillonnage octuple
- Double convertisseurs N/A "Bitstream" à 1 bit
- Système d'alignement laser à 3 faisceaux
- Système de chargement direct de disque
- Lecture aléatoire – sans répétition
- Balayage des introductions de musique
- Répétition de sélection de plage de musique
- Recherche de plage de musique par avance rapide/retour rapide (FF/FB)
- Mémoire de la dernière plage
- Initialisation automatique de disque (TOP)
- Rechargement automatique après 15 secondes
- Indicateur d'entrée de disque (DISC IN)
- Compatible avec disque compact single de 8 cm
- Commandes de CD entièrement logiques

SECTION AUDIO
- Sourdine, compensation physiologique, fader, graves/aiguës
- Puissance de sortie maximale: 25 W×2
- Sortie de niveau de ligne RCA plaquée or à 4 canaux

GENERALITES
- CATS III (Système anti-vol informatisé)
- Eclairage de nuit avec sélecteur d'éclairage bicolore (ambre/vert)
- Châssis DIN avec support coulissant
- Sourdine de téléphone déclenchée
- Activateur d'antenne alimentée
- Affichage à cristaux liquides (LCD) avec zone de messages
- Sélecteurs de mode radio/CD